What is claimed:

1. A turret switching system for broadcasting data streams to a plurality of telephony devices via a plurality of talk paths, the system comprising:

at least one media server; and

a plurality of telephony devices,

wherein each telephony device is communicatively coupled to the at least one media server via a talk path, each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path,

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices,

wherein for each talk path, a determination is made as to whether to mute the respective output audio data stream, based on connection states of each of the plurality of talk paths, and

wherein responsive to a determination that the respective output audio data stream for a talk path is to be muted, the respective output audio data stream is muted,.

2. The turret switching system of Claim 1, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each talk path as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

3. The turret switching system of Claim 1, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

4. The turret switching system of Claim 3, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

5. The turret switching system of Claim 3,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

6. The turret switching system of Claim 3, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

7. The turret switching system of Claim 1, wherein the turret switching system is a trading turret switching system.

8. The turret switching system of Claim 1, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

9. A turret switching method for broadcasting data streams to a plurality of telephony devices via a plurality of talk paths, the method comprising:

determining, for each telephony device in a turret switching system comprising at least one media server and a plurality of telephony devices, whether to mute a respective output audio data stream, based on connection states of each of a plurality of talk paths that communicatively couple each of the plurality of telephony devices to the at least one media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, muting the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the at least one media server via a talk path, each telephony device is constructed to receive the respective output audio data stream from the at least one media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices.

10. The turret switching method of Claim 9, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each talk path as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

11. The turret switching method of Claim 9, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

12. The turret switching method of Claim 11, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output

audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

13. The turret switching method of Claim 11,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

14. The turret switching method of Claim 11, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

15. The turret switching method of Claim 9, wherein the turret switching system is a trading turret switching system.

16. The turret switching method of Claim 9, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

17. A turret device comprising:

a computer-readable memory constructed to store computer-executable process steps; and

a processor constructed to execute the computer-executable process steps stored in the memory;

wherein the telephony device is communicatively coupled to at least one media server via a talk path,

wherein the process steps stored in the memory cause the processor to broadcast data streams to a plurality of other telephony devices via a plurality of other talk paths, wherein the process steps include computer-executable process steps to:

receive a respective output audio data stream from the at least one media server via the respective talk path; and

send an input audio data stream to the at least one media server via the respective talk path,

wherein the at least one media server determines whether to mute the respective output audio data stream for the telephony device, based on a connection state of each of the plurality of talk paths that communicatively couple each of the plurality of telephony devices to the at least one media server,

wherein, responsive to a determination that the respective output audio data stream for the telephony device is to be muted, the at least one media server mutes the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices.

18. The turret device of Claim 17, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

19. The turret device of Claim 17, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

20. The turret device of Claim 19, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

21. The turret device of Claim 19,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

22. The turret device of Claim 19, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

23. The turret device of Claim 17, wherein the turret switching system is a trading turret switching system.

24. The turret device of Claim 17, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

25. A computer-readable memory medium on which is stored computer-executable process steps for causing a telephony device, which is communicatively

coupled to at least one media server via a talk path, to broadcast data streams to a plurality of other telephony devices via a plurality of other talk paths, wherein the process steps comprise:

receiving a respective output audio data stream from the at least one media server via the respective talk path; and

sending an input audio data stream to the at least one media server via the respective talk path,

wherein the at least one media server determines whether to mute the respective output audio data stream for the telephony device, based on a connection state of each of the plurality of talk paths that communicatively couple each of the plurality of telephony devices to the at least one media server,

wherein, responsive to a determination that the respective output audio data stream for the telephony device is to be muted, the at least one media server mutes the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices.

26. The computer-readable memory medium of Claim 25, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

27. The computer-readable memory medium of Claim 25, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

28. The computer-readable memory medium of Claim 27, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

29. The computer-readable memory medium of Claim 27,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

30. The computer-readable memory medium of Claim 27, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

31. The computer-readable memory medium of Claim 25, wherein the turret switching system is a trading turret switching system.

32. The computer-readable memory medium of Claim 25, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

33. A media server comprising:

a computer-readable memory constructed to store computer-executable process steps;

a processor constructed to execute the computer-executable process steps stored in the memory;

at least one mixer;

wherein the process steps stored in the memory cause the processor to broadcast data streams to a plurality of telephony devices via a plurality of talk paths, wherein the process steps include computer-executable process steps to:

determine, for each of the plurality of telephony devices, whether to mute a respective output audio data stream, based on connection states of each of a plurality of talk paths that communicatively couple each of the plurality of telephony devices to the media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, mute the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the media server via a talk path, each telephony device is constructed to receive the respective output audio data stream from the media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the media server via the respective talk path, and

wherein the at least one mixer combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices.

34. The media server of Claim 33, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

35. The media server of Claim 33, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

36. The media server of Claim 35, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

37. The media server of Claim 35,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

38. The media server of Claim 35, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

39. The media server of Claim 33, wherein the turret switching system is a trading turret switching system.

40. The media server of Claim 33, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

41. A computer-readable memory medium on which is stored computer-executable process steps for causing a media server to broadcast data streams to a

plurality of telephony devices via a plurality of talk paths, wherein the process steps comprise:

determining, for each of the plurality of telephony devices, whether to mute a respective output audio data stream, based on connection states of each of a plurality of talk paths that communicatively couple each of the plurality of telephony devices to the media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, muting the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the media server via a talk path, each telephony device is constructed to receive the respective output audio data stream from the media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the media server via the respective talk path, and

wherein the media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices.

42. The computer-readable memory medium of Claim 41, wherein responsive to a change of the connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

43. The computer-readable memory medium of Claim 41, wherein for each talk path, the connection state comprises a connection type of the talk path and a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

44. The computer-readable memory medium of Claim 43, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type,

and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

45. The computer-readable memory medium of Claim 43,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

46. The computer-readable memory medium of Claim 43, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

47. The computer-readable memory medium of Claim 41, wherein the turret switching system is a trading turret switching system.

48. The computer-readable memory medium of Claim 41, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets a connection type for each talk path.

49. The turret switching system of Claim 1, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

50. The turret switching system of Claim 1, wherein the at least one mixer mutes the output audio data streams.

51. The turret switching system of Claim 1, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

52. The turret switching system of Claim 1, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

53. The turret switching method of Claim 9, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

54. The turret switching method of Claim 9, wherein the at least one mixer mutes the output audio data streams.

55. The turret switching method of Claim 9, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

56. The turret switching method of Claim 9, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

57. The turret device of Claim 19, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

58. The turret device of Claim 19, wherein the at least one mixer mutes the output audio data streams.

59. The turret device of Claim 19, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

60. The turret device of Claim 19, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

61. The computer-readable memory medium of Claim 25, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

62. The computer-readable memory medium of Claim 25, wherein the at least one mixer mutes the output audio data streams.

63. The computer-readable memory medium of Claim 25, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

64. The computer-readable memory medium of Claim 25, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device

65. The media server of Claim 33, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

66. The media server of Claim 33, wherein the at least one mixer mutes the output audio data streams.

67. The media server of Claim 33, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

68. The media server of Claim 33, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams

received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device

69. The computer-readable memory medium of Claim 41, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

70. The computer-readable memory medium of Claim 41, wherein the at least one mixer mutes the output audio data streams.

71. The computer-readable memory medium of Claim 41, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

72. The computer-readable memory medium of Claim 41, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

What is claimed is:

1. A turret switching system for broadcasting data streams to a plurality of telephony devices via a plurality of talk paths, the system comprising:

at least one media server; and

a plurality of telephony devices communicatively coupled to the at least one media server via a plurality of respective talk paths, each talk path having a corresponding predetermined connection type,

wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path,

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with a call,

wherein for each talk path associated with the call, a determination is made as to whether to mute the respective output audio data stream, based on the respective predetermined connection type, and

wherein responsive to a determination that the respective output audio data stream for a talk path is to be muted, the respective output audio data stream is muted.

2. The turret switching system of Claim 1, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each talk path as to

whether to mute the respective output audio data stream, based on the at least one changed connection state.

3. The turret switching system of Claim 1, wherein for each talk path associated with the call, the determination is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

4. The turret switching system of Claim 3, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

5. The turret switching system of Claim 3,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

6. The turret switching system of Claim 3, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

7. The turret switching system of Claim 1, wherein the turret switching system is a trading turret switching system.

8. The turret switching system of Claim 1, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

9. A turret switching method for broadcasting data streams to a plurality of telephony devices via a plurality of talk paths, the method comprising:

determining, for each telephony device associated with a call in a turret switching system comprising at least one media server and a plurality of telephony devices, whether to mute a respective output audio data stream, based on a respective predetermined connection type of the respective talk path that communicatively couples the respective telephony device to the at least one media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, muting the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the at least one media server via the respective talk path, each talk path has a corresponding predetermined connection type, each telephony device is constructed to receive the respective output audio data stream from the at least one media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with the call.

10. The turret switching method of Claim 9, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each talk path as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

11. The turret switching method of Claim 9, wherein for each talk path associated with the call, the determining is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

12. The turret switching method of Claim 11, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

13. The turret switching method of Claim 11,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

14. The turret switching method of Claim 11, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

15. The turret switching method of Claim 9, wherein the turret switching system is a trading turret switching system.

16. The turret switching method of Claim 9, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

17. A turret device comprising:

a computer-readable memory constructed to store computer-executable process steps; and

a processor constructed to execute the computer-executable process steps stored in the memory;

wherein the turret device is communicatively coupled to at least one media server via a talk path,

wherein the process steps stored in the memory cause the processor to broadcast data streams to a plurality of telephony devices via a plurality of other talk paths, each talk path having a corresponding predetermined connection type, wherein the process steps include computer-executable process steps to:

receive a respective output audio data stream from the at least one media server via the respective talk path; and

send an input audio data stream to the at least one media server via the respective talk path,

wherein, for each talk path associated with a call, the at least one media server determines whether to mute the respective output audio data stream for the respective telephony device, based on the respective predetermined connection type of the respective talk path that communicatively couples the respective telephony device to the at least one media server,

wherein, responsive to a determination that the respective output audio data stream for the telephony device is to be muted, the at least one media server mutes the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with the call.

18. The turret device of Claim 17, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

19. The turret device of Claim 17, wherein for each talk path associated with the call, the determination is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

20. The turret device of Claim 19, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

21. The turret device of Claim 19,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

22. The turret device of Claim 19, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

23. The turret device of Claim 17, wherein the turret switching system is a trading turret switching system.

24. The turret device of Claim 17, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

25. A computer-readable memory medium on which is stored computer-executable process steps for causing a telephony device, which is communicatively coupled to at least one media server via a respective talk path, to broadcast data streams to a plurality of other telephony devices via a plurality of other respective talk paths, each talk path having a corresponding predetermined connection type, wherein the process steps comprise:

receiving a respective output audio data stream from the at least one media server via the respective talk path; and

sending an input audio data stream to the at least one media server via the respective talk path,

wherein, for each talk path associated with a call, the at least one media server determines whether to mute the respective output audio data stream for the telephony device, based on the respective predetermined connection type of the talk path that communicatively couples the respective telephony device to the at least one media server,

wherein, responsive to a determination that the respective output audio data stream for the telephony device is to be muted, the at least one media server mutes the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream, and

wherein the at least one media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with the call.

26. The computer-readable memory medium of Claim 25, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

27. The computer-readable memory medium of Claim 25, wherein for each talk path associated with the call, the determination is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

28. The computer-readable memory medium of Claim 27, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

29. The computer-readable memory medium of Claim 27,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

30. The computer-readable memory medium of Claim 27, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

31. The computer-readable memory medium of Claim 25, wherein the turret switching system is a trading turret switching system.

32. The computer-readable memory medium of Claim 25, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

33. A media server comprising:

a computer-readable memory constructed to store computer-executable process steps;

a processor constructed to execute the computer-executable process steps stored in the memory;

at least one mixer;

wherein the process steps stored in the memory cause the processor to broadcast data streams to a plurality of telephony devices via a plurality of talk paths, respectively, each talk path having a corresponding predetermined connection type, wherein the process steps include computer-executable process steps to:

determine, for each of the plurality of telephony devices associated with a call, whether to mute a respective output audio data stream, based on the respective predetermined connection type of the respective talk path that communicatively couples the respective telephony device to the media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, mute the respective output audio data stream, such that at least

one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the media server via the respective talk path, each telephony device is constructed to receive the respective output audio data stream from the media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the media server via the respective talk path, and

wherein the at least one mixer combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with the call.

34. The media server of Claim 33, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

35. The media server of Claim 33, wherein for each talk path associated with the call, the determination is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

36. The media server of Claim 35, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON

state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

37. The media server of Claim 35,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

38. The media server of Claim 35, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

39. The media server of Claim 33, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

40. A computer-readable memory medium on which is stored computer-executable process steps for causing a media server to broadcast data streams to a plurality of telephony devices via a plurality of talk paths, respectively, each talk path having a corresponding predetermined connection type, wherein the process steps comprise:

determining, for each of the plurality of telephony devices associated with a call, whether to mute a respective output audio data stream, based on the respective predetermined connection type of the respective talk path that communicatively couples the respective telephony device to the media server;

responsive to a determination that the respective output audio data stream for a telephony device is to be muted, muting the respective output audio data stream, such that at least one speaker of the telephony device does not output an audible signal corresponding to the output audio data stream,

wherein each telephony device is communicatively coupled to the media server via the respective talk path, each telephony device is constructed to receive the respective output audio data stream from the media server via the respective talk path, and each telephony device is constructed to send an input audio data stream to the media server via the respective talk path, and

wherein the media server comprises at least one mixer that combines input audio data streams received from the plurality of telephony devices to generate output audio data streams for sending to the plurality of telephony devices in association with the call.

41. The computer-readable memory medium of Claim 40, wherein responsive to a change of a connection state of at least one of the plurality of talk paths, a determination is made for each

telephony device as to whether to mute the respective output audio data stream, based on the at least one changed connection state.

42. The computer-readable memory medium of Claim 40, wherein for each talk path associated with the call, the determination is further based on a state of the respective input audio data stream that is sent to the at least one media server via the talk path.

43. The computer-readable memory medium of Claim 42, wherein in a case where at least one talk path has a speaker-call-with-global-muting connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams corresponding to talk paths whose respective input audio data streams have an OFF state are to be muted.

44. The computer-readable memory medium of Claim 42,

wherein in a case where at least one talk path has a privacy connection type, and the respective input audio data stream has an ON state, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a connection type other than the privacy connection type are to be muted, and

wherein in the case where the at least one talk path has the privacy connection type, and the connection type of another talk path subsequently changes to the privacy connection type, it is determined that the output audio data stream and the input audio data stream of the other talk path are to remain muted.

45. The computer-readable memory medium of Claim 42, wherein in a case where at least one talk path has a handset-call-with-no-speakers connection type, it is determined that output audio data streams and input audio data streams corresponding to talk paths having a speaker call connection type are to be muted.

46. The computer-readable memory medium of Claim 40, further comprising an application server that creates the plurality of talk paths using Session Initiation Protocol ("SIP"), and sets the connection type for each talk path.

47. The turret switching system of Claim 1, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

48. The turret switching system of Claim 1, wherein the at least one mixer mutes the output audio data streams.

49. The turret switching system of Claim 1, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

50. The turret switching system of Claim 1, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path

connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

51. The turret switching method of Claim 9, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

52. The turret switching method of Claim 9, wherein the at least one mixer mutes the output audio data streams.

53. The turret switching method of Claim 9, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

54. The turret switching method of Claim 9, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

55. The turret device of Claim 17, wherein the telephony devices include at least one of a second turret device, a telephone, and a VoIP(Voice over IP) device.

56. The turret device of Claim 17, wherein the at least one mixer mutes the output audio data streams.

57. The turret device of Claim 17, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

58. The turret device of Claim 17, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.

59. The computer-readable memory medium of Claim 25, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

60. The computer-readable memory medium of Claim 25, wherein the at least one mixer mutes the output audio data streams.

61. The computer-readable memory medium of Claim 25, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

62. The computer-readable memory medium of Claim 25, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device

63. The media server of Claim 33, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

64. The media server of Claim 33, wherein the at least one mixer mutes the output audio data streams.

65. The media server of Claim 33, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using

RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

66. The media server of Claim 33, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device

67. The computer-readable memory medium of Claim 40, wherein the telephony devices include at least one of a turret device, a telephone, and a VoIP(Voice over IP) device.

68. The computer-readable memory medium of Claim 40, wherein the at least one mixer mutes the output audio data streams.

69. The computer-readable memory medium of Claim 40, wherein each telephony device is constructed to receive an output audio data stream from the at least one media server via the respective talk path using RTP (real-time transfer protocol), and each telephony device is constructed to send an input audio data stream to the at least one media server via the respective talk path using RTP.

70. The computer-readable memory medium of Claim 40, wherein the mixer is communicatively coupled to another mixer, wherein the mixer forwards input audio data streams received by the mixer to the other mixer via a talk path, along with a mixer muting level, and wherein for each talk path connecting the mixer to a telephony device, the mixer determines whether to mute the respective output audio data stream based on a mixer muting level received from the other mixer and based on connection states of each of the plurality of talk paths connected to a telephony device.